

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
25 August 2005 (25.08.2005)

PCT

(10) International Publication Number
WO 2005/079123 A2

(51) International Patent Classification⁷: **H05H 1/24**

(21) International Application Number:
PCT/EP2005/050694

(22) International Filing Date: 17 February 2005 (17.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
04003488.6 17 February 2004 (17.02.2004) EP

(71) Applicant (for all designated States except US): **ASKAIR TECHNOLOGIES AG** [CH/CH]; Stadthausquai 1, CH-8022 Zürich (CH).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **VAUGE, Christian** [FR/FR]; 14, rue des Meuniers, F-75012 Paris (FR).

(74) Agents: **HEPP, Dieter** et al.; Friedtalweg 5, CH-9500 Wil (CH).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

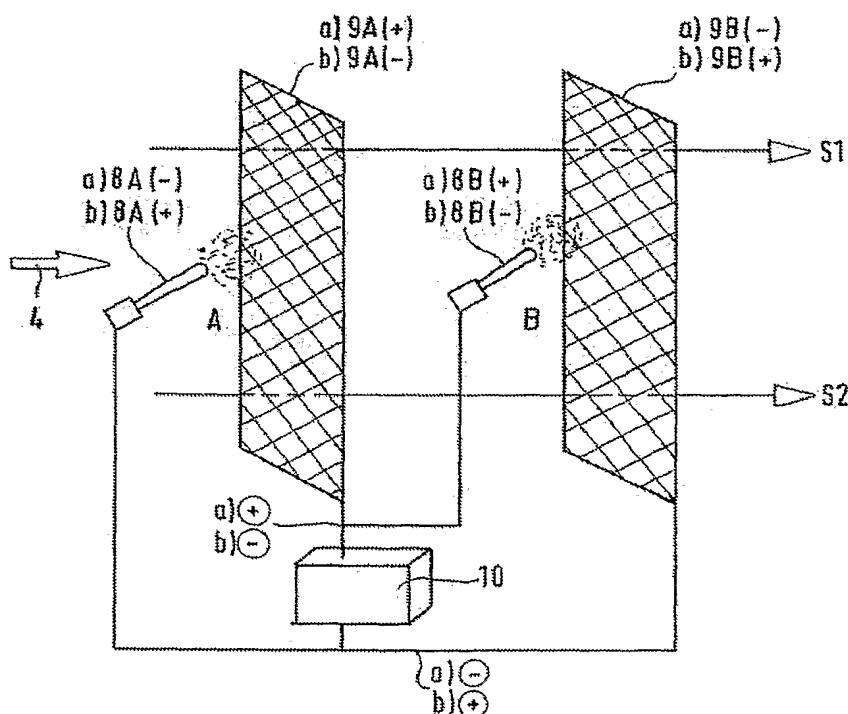
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **PLASMA-GENERATING DEVICE AND METHOD OF TREATING A GASEOUS MEDIUM**



(57) Abstract: The invention is related to a corona plasma-generating device (1), comprising at least one first plasma-generating section (A), wherein at least one first plasma (2) is generated; and at least one second plasma-generating section (B), wherein at least one second plasma (3) is generated; wherein at a given point of time said first and said second plasmas (2,3) are of different polarity. The device is especially suitable for the sterilization of a gaseous medium such as biologically or otherwise contaminated air.